Connect with Chemists
An early morning chat with fellow chemists
Thursday, August 17, 2017, at 7 a.m.
Coupa Café, 538 Ramona Street, Palo Alto
Contact Ean Warren (ewanren@scvacs.org) for more information or ask for Ean at Coupa.

Chair’s Message
Todd Eberspacher
If you read the most recent issue of C&EN, you may have noticed the story “U.S. makes history at Olympiad”. While we were sampling wine at our annual Awards Picnic, four future chemists were headed to Thailand to represent the United States in the Chemistry Olympiad. Steven Liu of Monta Vista High School in Cupertino was on the team and is local to our section. Many readers may not know Sally Peters plays a big role in organizing the local Olympiad activities—and the local section has been well represented.

September 13th Dinner Seminar
The FBI, WMD, and the Chemical Industry
Todd J. Piantedosi

Abstract
This presentation focuses on how the FBI interacts with the chemical industry as it seeks to accomplish its mission of protecting the American people while preserving the Constitution. More specifically, the San Francisco office’s Weapons of Mass Destruction (WMD) Coordinator will explain how chemicals can be used in WMD attacks and the steps the FBI is taking to counter the threat.

Biography
Special Agent Todd J. Piantedosi joined the FBI after ten years in the health care finance sector. Upon completion of 20 weeks of training in Quantico, Virginia, he was assigned to the Washington, DC, field office where he worked counterintelligence for three years. He transitioned to weapons of mass destruction (WMD) preparedness, response and investigations for four years, after which he was promoted to Headquarters. There, he oversaw counterproliferation cases nationwide and managed several WMD programs. In January of 2016, he relocated to the FBI’s San Francisco office, where he recently assumed the role of WMD Coordinator.

Special Agent Piantedosi is a graduate of Brown University and The Catholic University’s Columbus School of Law. He lives and works in Oakland.

September 30th Joint Meeting with ACS Sacramento and California Section
Flavors of Chemistry
We are pleased to announce that our annual “Flavors of Chemistry” joint meeting with the ACS Sacramento and California Section will be occurring on Saturday, September 30th at the UC Davis Activities and Recreation Center (the same location as last year). The afternoon event will run from 1 to 5 pm.

Speakers/Tastings:
• Bill Ristenpart, Professor of Chemical Engineering, Director of the UC Davis Coffee Center, and instructor for the “Design of Coffee” course at UC Davis will speak about coffee. We are planning on having a tasting of coffee in collaboration with Chocolate Fish Coffee Roasters. The coffee tasting will feature Chocolate Fish’s well-known nitro brew tasted with a cold brewed coffee, both using coffee beans of the same origin to emphasize the taste difference acquired through the nitro brew process.
• Selina Wang, Assistant Adjunct Professor of continued on next page
Welcome to the Santa Clara Valley Section of ACS

Each month, the section receives a spreadsheet from national ACS with the names of members new to our section. The members are either new to ACS, have transferred in from other areas, or are the newest members -- students. To welcome you to the section and get to know you, the Executive Committee offers new members a free dinner! To encourage you to attend a monthly section seminar meeting, we would like you to be our guest. When you register, make certain to mention that you are a new member and you and a friend will be our guests. The seminar meetings are held at a number of local venues. If you are unable to attend in the evening, perhaps you would join us for an outreach event, like judging a science fair, promoting the Chemistry Olympiad or participating in a National Chemistry Week event in October. Then, there is our annual wine tasting and awards picnic in July. The local section is a volunteer organization. Please attend an event, volunteer to help and get to know your local fellow chemists. Welcome!

New SCVACS Members

Ozlem Kubra Akdogan  
Dr. Giuseppe Astarita  
Dr. Adela Bardos  
Dr. David A. Bushnell  
Joseph Carlson  
Julie A. Carrera  
Zhixing Chen  
Dan T. Delurio  
Dr. Shaojiang Deng  
Stormy Falcone  
Sebastian Matias Fica-Contreras  
Art Fong  
Asth Aarg  
Dr. Amy Gartman  
Nicki Kwang  
Brian Thomas Jones  
Koji Kigawa  
Dr. James Oliver Leckie  
Yunchao Li  
Shuo Liu  
Paulo Machicato Tello  
Phillip A. Medina  
Dr. Mallesh Pandrala  
Allison Paradise  
Harrriey Maxwell Quackenbos  
Megan Shelby  
Paul L. Szymanski  
Wyatt Aaron Thornley  
Dr. Ambrose J. Williams  
Yi Xu

Flavors of Chemistry, continued from front page

Food Science and Technology and Research Director of the UC Davis Olive Center will speak about olive oils.

• **Howard and Sally Peters**, known as Mr. and Mrs. Chocolate and winners of the 2016 Helen M. Free Award for Outstanding Public Outreach, will speak about chocolate.


Introducing ACS Book Club

The Santa Clara Valley ACS Section is starting a book club. We will read and discuss books at the intersection of science, society, politics, history, law, art, etc. The goal is to foster interest in science beyond research and learn more about society’s issues. In addition, we hope the book club encourages people to meet and talk and possibly become more involved in their community. We plan to have the book club one Saturday for a couple of hours in September or October at a Stanford University library.

If you are interested in participating or know a book to recommend, email Ean Warren at ewarren@scvacs.org.

ACS National Council Meeting

The American Chemical Society Council will meet during the national meeting in Washington, DC, at 8:00 a.m., on Wednesday, August 23, in Marriott Ballrooms 1-6 of the Marriott Marquis Washington, DC, Hotel.

The agenda for this meeting with supporting documents is available online at [www.acs.org/councilors](http://www.acs.org/councilors). This information is provided to you so that you may be fully informed of Council business and have as much information as possible to explain actions taken at the meeting. Please note that immediately after each national meeting all Councilors receive a summary of actions taken by the Board and Council at that meeting. Please ask a Councilor for this summary if you would like a report on the actions taken at the meeting.

Non-counselors are invited to observe the Council meeting. The space set aside for this purpose will be available to ACS members. We urge you to take advantage of this opportunity if you are planning to be in Washington, DC, for the national meeting.

Chemistry Quiz

About how much gasoline is consumed per capita in the US each year?

The answer will appear in next month’s newsletter.

Last Month’s Chemistry Quiz

The final four remaining elements in the seventh period of the periodic table have been discovered. Where were elements 113, 115, 117 and 118 discovered?

**Element 113 (Nihonium)** was first reported in 2003 by a team of Russian and American scientists at the Joint Institute for Nuclear Research (JINR) in Dubna, Russia, and 2004 at RIKEN (Japan).

**Element 115 (Moscovium)** was first synthesized at JINR in Dubna, Russia.

**Element 117 (Tennesine)** was first announced at JINR in Dubna, Russia, in 2010

**Element 118 (Oganesson)** was first synthesized in 2002 at JINR in Dubna, Russia.
50th Year Honoree
Mr. John Chen

50th Year Honoree
Dr. Nungavarm Viswantathan

60th Year Honoree
Dr. Karl Marhenke

Congratulations to Jigisha Shah, recipient of Salute to Excellence Award! Presented by Melody Esfandiari (Chair-Elect) and Jane Frommer (Past-Chair)

Gary Christian is the recipient of the 2017 Radding Award, with Heddie Nichols.

ACS Picnic Awards Program
July 8, 2017

Past and Present Radding Award Recipients: Howard Peters, Sally Peters, Gary Christian, Bonnie Charpentier, and Lee Latimer

Ottenberg Award Recipient: Ihab Darwish with Natalie McClure

More information about these awards can be found on our section's award website. Consider nominating a deserving chemist for future awards!

CHEMPELOYMENT ABSTRACTS AUGUST 2017

CHEMPELOYMENT ABSTRACT 4001
Position Title: Quarterly Adjunct Lecturer (Pool)
Job Description: Duties include but are not limited to:
A. Planning and teaching lecture or laboratory sections for Chem 11, 12, and 13 (General Chemistry), Chem 31, 32, and 33 (Organic Chemistry); and Chem 101 (Biomolecular Thermodynamics) lecture only.
B. Fulfilling all responsibilities associated with assigned course. Specific responsibilities are posted at https://jobs.scu.edu/postings/6006/
C. Starting Date: September 1, 2017
QUALIFICATIONS DESIRED:
Education: Ph.D. in chemistry and biochemistry or closely allied field
Experience: College teaching experience is highly desirable, and experience in teaching a diverse student population is preferred.
LOCATION, SALARY, EMPLOYER:
Job Location: Santa Clara, CA
Salary: $3,960 per lab section and $6,600 per lecture section; not benefits eligible
Description: Santa Clara University is a comprehensive Jesuit, Catholic university located in California’s Silicon Valley with an ACS-approved undergraduate program. It is an EO/AA employer committed to excellence through diversity, and welcomes applications from women, persons of color, and members of historically underrepresented groups.
Application Instructions: Submit your application on https://jobs.scu.edu/postings/6006

CHEMPELOYMENT ABSTRACT 4002
Position Title: Academic Year Lecturer
Job Description: Duties include but are not limited to:
A. Planning and teaching lecture and/or lab sections of lower division chemistry (general and organic chemistry) courses, bioinorganic chemistry and other courses as assigned.
B. Fulfilling all responsibilities associated with assigned course. Specific responsibilities are posted at https://jobs.scu.edu/postings/6000
QUALIFICATIONS DESIRED:
Education: Ph.D. in chemistry or biochemistry or closely allied field
Experience: College teaching experience is highly desirable, and experience in teaching a diverse student population is preferred.
LOCATION, SALARY, EMPLOYER:
Job Location: Santa Clara, CA
Salary: $56,600-59,605 per year; benefits eligible
Description: Santa Clara University is a comprehensive Jesuit, Catholic university located in California’s Silicon Valley with an ACS-approved undergraduate program. It is an EO/AA employer committed to excellence through diversity, and welcomes applications from women, persons of color, and members of historically underrepresented groups.
Application Instructions: Submit your application on https://jobs.scu.edu/postings/6000

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Enjoy the Summer!

FUTURE EVENTS

Aug 20-24  
254th ACS National Meeting
Washington, DC

Sep 13
SCVACS Dinner Seminar
The FBI, WMD, and the Chemical Industry
Special Agent Todd J. Piantedosi
Michael's at Shoreline Park
Mountain View, CA

Sep 30  
Flavors of Chemistry
Joint meeting between the Sacramento, Cal, and Santa Clara Valley sections
Davis, CA

Oct 21
SCVACS National Chemistry Week
Celebration "Chemistry Rocks!"
Hands-on Chemistry Fun for Elementary to Middle-School Students
MLK Jr. Library, San Jose, CA

Oct TBD
Monterey Bay ACS Dinner Seminar
Dr. Claudia Luhrs, Naval Post Graduate School, Cabrillo College, Aptos, CA

Nov TBD
SCVACS YCC Home Brew Competition, Judging and Tasting
Joint with Cal section and Senior Chemists
Contact Matt Greaney to enter a home brew in the competition

Click on links for more information or see this newsletter at http://scvacs.org/?page_id=99